

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6067	(228/1.1,4.1,4.5,6.1,6.2,264,13,14,19,20.5,47.1,49.5,56.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:13
L2	1189	L1 and ((flip adj chip or wafer or die or chip or ((bump\$3 or electrode) near (chip or die or wafer))) near bond\$4) or (desolder\$4 or resolder\$4 or rework\$4) near (chip or die or wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:13
L3	69	L2 and (cut or cutt\$4 or wedge or flame or knife or blade) near (wire or electrode or sever\$6 or break\$4 or bump\$4 or flip adj chip or bumped adj (die or chip or wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:13
L4	18	L3 and (vacuum or chuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:50
L5	14	L3 and (convey\$4 or transport\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:50
L6	9	L4 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:13
L7	1	6 and ioniz\$6 near air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:23

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L8	8	6 and (air or fluid or fluidiz\$6 or gas or gaseous or nitrogen or inert or n2 or "n.sub.2" or he or helium or ar or argon or liquid or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:21
L9	6067	(228/1.1,4.1,4.5,6.1,6.2,264,13, 14,19,20.5,47.1,49.5,56.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/05 14:19
L10	53040	((flip adj chip or wafer or die or chip or ((bump\$3 or electrode) near (chip or die or wafer))) near bond\$4) or (desolder\$4 or resolder\$4 or rework\$4) near (chip or die or wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:19
L11	18551	(L9 or L10) and (cut or cutt\$4 or knife or knives or blade)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:19
L12	1068	L11 and (cut or cutt\$4 or knives or knife or blade) near (wire or electrode or sever\$6 or break\$4 or bump\$4 or flip adj chip or bumped adj (die or chip or wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:19
L13	101	L12 and (knives or knife or blade) near (wire or electrode or sever\$6 or break\$4 or bump\$4 or flip adj chip or bumped adj (die or chip or wafer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:19
L14	0	13 and ioniz\$6 near air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:20
L15	82	13 and (air or fluid or fluidiz\$6 or gas or gaseous or nitrogen or inert or n2 or "n.sub.2" or he or helium or ar or argon or liquid or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:33

## EAST Search History

L16	53040	((flip adj chip or wafer or die or chip or ((bump\$3 or electrode) near (chip or die or wafer))) near bond\$4) or (desolder\$4 or resolder\$4 or rework\$4) near (chip or die or wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:21
L17	13	L16 and ioniz\$6 near air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:21
L18	7	8 not 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:29
L19	1	6 not (7 or 8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:29
L20	5	5 not (6 or 7 or 8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:31
L21	9	4 not (5 or 6 or 7 or 8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:32
L22	46	3 not (4 or 5 or 6 or 7 or 8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:49
L23	16	22 and (air or fluid or fluidiz\$6 or gas or gaseous or nitrogen or inert or n2 or "n.sub.2" or he or helium or ar or argon or liquid or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:33

## EAST Search History

L24	77	15 not (23 or 4 or 5 or 6 or 7 or 8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:49
L25	10	24 and (convey\$4 or transport\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:50
L26	3	25 and (vacuum or chuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:50
L27	7	25 not 26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/05 14:51